

ABSTRACT

**Dual mode radio frequency reception device and
corresponding multimedia receiver**

5

The invention relates to a dual mode radio frequency reception device of the type enabling the reception firstly of multi-carrier broadcast signals in a first frequency band and secondly radio positioning signals in a second frequency band, comprising a single preprocessing module (21), particularly including a pass-band antenna filter (211) in which the pass-band includes at least the said first and second frequency bands, and outputting firstly to a first processing system (22) to process the said multi-carrier broadcast signals, and secondly to a second processing system (23) to process the said radio positioning signals.

"Express Mail" mailing label number EL 4355473450SDate of Deposit FEBRUARY 23, 2000

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231

LINDA MCCORMICK

printed name

Linda McCormick

Signature